

Date: Sat, 29 Jan 94 03:02:17 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #84
To: Info-Hams

Info-Hams Digest Sat, 29 Jan 94 Volume 94 : Issue 84

Today's Topics:

 * SpaceNews 31-Jan-94 *
 10meters, anyone want to try it?
 ANS-022 BULLETINS
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 ARLD006 1A0 operation planned
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 Question Regarding ITR
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 SPLog - It Ain't Free!!
 SuperMorse 4.xx (2 msgs)
 Traffic to Vladivostok

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Jan 94 16:35:05 GMT
From: news-mail-gateway@ucsd.edu
Subject: * SpaceNews 31-Jan-94 *
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC0131
* SpaceNews 31-Jan-94 *

BID: \$SPC0131

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SpaceNews
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MONDAY JANUARY 31, 1994

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

* STS-60 KEPLERIAN DATA *

=====

The following is pre-launch Keplerian orbital data for Shuttle mission STS-60 which has an expected launch date of 03-Feb-94 at 12:10 UTC:

STS-60

1 00060U 94034.56756353 .00033600 00000-0 25200-3 0 47
2 00060 57.0033 215.8607 0010675 264.1500 95.8328 15.72291901 26

Satellite: STS-60

Catalog number: 00060

Epoch time: 94034.56756353 (03-FEB-94 13:37:17.49 UTC)

Element set: 004

Inclination: 57.0033 deg

RA of node: 215.8607 deg Space Shuttle Flight STS-60

Eccentricity: .0010675 Prelaunch Element set JSC-004

Arg of perigee: 264.1500 deg Launch: 03-FEB-94 12:10 UTC

Mean anomaly: 95.8328 deg

Mean motion: 15.72291901 rev/day Gil Carman, WA5NOM

Decay rate: 3.3600e-04 rev/day*2 NASA Johnson Space Center

Epoch rev: 2

Checksum: 254

[Info via N6JLS]

* NEWS FROM JAPAN *

=====

The first H-II launch will take place between 7:00 - 9:00 AM (JST=UTC+9h) on 01-Feb-94.

[Info via Yoshiro Yamada]

* TUBSAT-B AND METEOR-3 LAUNCHED *

=====

TUBSAT-B is the second scientific Microsatellite build by the Technical University of Berlin (TUB), Germany.

It was launched 25-Jan-94 from Plesetsk, Russia at 00:25 UTC together with the new Russian meteorological satellite METEOR-3. TUBSAT-B successfully separated from METEOR-3 at 09:42:50 UTC.

TUBSAT-B Downlink is on 143.075 MHz with FFSK Modulation. The beacon is transmitting a 2 second burst every 2 minutes. The satellite has not yet been heard by it's command station. Although it is not a ham radio satellite, any report is most welcome. Reports can be sent via packet radio to DL4OAD @ DK0MAV.DEU.EU

METEOR-3 Keplerian elements:

| | |
|----------------------------|---------------------|
| Reference Epoch | 94 025.23119078 |
| Inclination | 82.5637 deg |
| RAAN | 157.1120 deg |
| Eccentricity | 0.0014635 |
| Argument of Perigee | 262.7207 deg |
| Mean Anomaly | 97.2234 deg |
| Mean Motion | 13.16729004 rev/day |
| Decay Rate | 5.0e-8 rev/day/day |
| Revolution Number At Epoch | 3 |

[Info via Peter Guelzow, DB20S]

* OSCAR-13 NEWS *

=====

Magnetorquing from attitude 246/-3 to 180/0 commenced on Jan 28 [Fri] 00:02 UTC, orbit 4306/224, and will continue for 8 perigees. Estimated interim attitudes are: Orbit Alon/Alat: 4307 236/-5: 4308 227/-7: 4309 217/-10: 4310 209/-13: 4313 200/-10: 4314 192/-8: 4315 184/-5: 4316 178/-3. For command purposes during this 3-day period, the mode-S beacon will be ON from MA 145-150, i.e. mode-B OFF for 13 mins. The new schedule will start orbit 4314 at MA 145 Jan 31 [Mon] 16:03 UTC.

[Info via James, G3RUH]

* KITSAT-OSCAR-25 NEWS *

=====

K0-25 will open its BBS service on 01-Feb-94. Some discussion is going on about K0-25 services. The satellite controllers are thankful for the cooperation and patience of all amateurs worldwide who anxiously await the opening of the K0-25 BBS. K0-25 will operate in normal mode, 9600 bps FSK

using the FTL0 communications protocol (same as Pacsats, UO-22, and KO-23).

As the KO-25 on-board experiments are not completed yet, there will be some service interruptions from time to time. SaTReC controllers decided to open the BBS since the experiments remaining will not cause any serious problem with KO-25 service later on.

[Info via Hyungshin Kim, SaTReC KAIST]

★ FO-20 OPERATION SCHEDULE ★

=====

The FO-20 operation schedule is follows. Analog transponder and digital transponder will be ON for a week respectively as they were since last December.

Analog mode:

26-Jan-94 08:20 UTC -to- 02-Feb-94 06:50 UTC

09-Feb-94 07:15 UTC -to- 16-Feb-94 07:40 UTC

23-Feb-94 08:05 UTC -to- 02-Mar-94 06:40 UTC

09-Mar-94 07:05 UTC -to- 16-Mar-94 07:30 UTC

23-Mar-94 07:52 UTC -to- 30-Mar-94 08:15 UTC

Digital mode:

Unless otherwise noted above.

[Info via Kazu Sakamoto, JJ1WTK]

★ THANKS! ★

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Thanks to all those who sent messages of appreciation regarding SpaceNews, especially:

AB6BR

N6EWF

Donato DiPietrantonio

Steve Smith

★ FEEDBACK/INPUT WELCOMED ★

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Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX : 1-908-747-7107

PACKET : KD2BD @ N2KZH.NJ.USA.NA

INTERNET : kd2bd@ka2qhd.ocpt.ccur.com -or- kd2bd@amsat.org

MAIL : John A. Magliacane, KD2BD

Department of Engineering and Technology

Advanced Technology Center
Brookdale Community College
Lincroft, New Jersey 07738
U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

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John A. Magliacane, KD2BD * /\ * Voice : 1-908-224-2948
Advanced Technology Center |/\| Packet : KD2BD @ N2KZH.NJ.USA.NA
Brookdale Community College |/\| Internet: kd2bd@ka2qhd.ocpt.ccur.com
Lincroft, NJ 07738 * /\ * Morse : -.- -.. ..--- -... -..

Date: 27 Jan 1994 06:30:53 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!
sdd.hp.com!sgiblab!sgigate.sgi.com!olivea!news.bu.edu!noc.near.net!
news.delphi.com!jtriolo@network.ucsd.edu
Subject: 10meters, anyone want to try it?
To: info-hams@ucsd.edu

> I just got my HF privs, and was wondering if there
>are any nets or clubs operating on 10m now? I heard
>Costa Rica and Phenoex,Az this afternoon from Ithaca,NY

First, congrats on the 10m privileges! The only net I know of is here in
Virginia at 28.470 Wednesday at 0000Z. But conditions from New York to
Virginia are rarely any good on 10 meters to have a conversation (if you're
even lucky enough to hear a Virginia station).

>.. I was wondering if there are any freqs that people
>normally listen to for contacts?

Best thing to do is just scan around the band. I don't think there are any
frequencies that are used regularly for contacts. If you want to call CQ,
find a clear frequency somewhere in the middle of the band and start
calling.

Hope this helps out..

73 de Jason, KD4ACG

Jason D. Triolo -- Colonial Heights, VA | -----
Amateur Radio: KD4ACG | This space for rent.

Internet : JTRIOL0@delphi.com | Call today!
Fidonet : 1:264/219.1 | -----

Date: Wed, 26 Jan 1994 20:14:29 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!gatech!
usenet.ufl.edu!draco.nova.edu!rd1.InterLan.COM!sun1.interlan.com!
tavernin@network.ucsd.edu
Subject: ANS-022 BULLETINS
To: info-hams@ucsd.edu

In article <199401232257.0AA06991@AMSAT.Org>, cowdin@pogo.DEn.mmc.COM (Dave Cowdin) writes:

>
> STS-60 ASTRONAUTS ISSUED HAM CALL SIGNS
>
> Astronauts Charles F. Bolden, Jr. of Columbia, South Carolina and Ronald M.
> Sega of Seabrook, Texas, have been issued amateur radio call signs in
> preparation for their joint U.S.-Russia science mission. The Spacehab
>

I wonder how long they had to wait for their tickets ...

Sorry, but after waiting 12 weeks and still no word from Gettysburg, I think I'm allowed to be a little sarcastic ...

Victor Tavernini
Racal-Datcom, Inc.

tavernin@sun1.interlan.com

Date: Thu, 27 Jan 1994 12:55:30 GMT
From: netcomsv!netcom.com!marchbg@decwrl.dec.com
Subject: ARLB013 Promos available
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB013
ARLB013 Promos available

ZCZC AG77
QST de W1AW
ARRL Bulletin 13 ARLB013
>From ARRL Headquarters
Newington CT January 25, 1994

To all radio amateurs

SB QST ARL ARLB013
ARLB013 Promos available

Video promos available

Effective February 1, ARRL public information officers and public information coordinators may request from ARRL Headquarters videotape copies of a new set of public service announcements.

The VHS-format tapes feature astronaut Linda Godwin, N5RAX, and Nobel Prize-winning physicist Dr Joe Taylor, K1JT, of Princeton University.

The full-color PSAs include testimonials from Godwin and Taylor in varying lengths for both commercial and public-access television use.

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Marc B. Grant fax 214-231-3998
marcbg@netcom.com Amateur Radio N5MEI
marcbg@esy.com Richardson, TX

Date: Thu, 27 Jan 1994 13:00:11 GMT
From: netcomsv!netcom.com!marcbg@decwrl.dec.com
Subject: ARLD006 1A0 operation planned
To: info-hams@ucsd.edu

SB DX @ ARL \$ARLD006
ARLD006 1A0 operation planned

ZCZC AE04
QST de W1AW
DX Bulletin 6 ARLD006
>From ARRL Headquarters
Newington CT January 25, 1994
To all radio amateurs

SB DX ARL ARLD006
ARLD006 1A0 operation planned

SOVEREIGN MILITARY ORDER OF MALTA. After more than three years of

amateur radio silence, 1A0 may be available soon. IK0FVC, I0JBL, I0HCJ and I0IJ will attempt an operation from 1A0KM January 26 through 31. Plans call for 80 through 10 meters with the possibility of some WARC band action too. QSL via I0IJ.

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Marc B. Grant fax 214-231-3998
marcbg@netcom.com Amateur Radio N5MEI
marcbg@esy.com Richardson, TX

Date: Wed, 26 Jan 1994 12:36:59 GMT
From: netcomsv!netcom.com!marcbg@decwrl.dec.com
Subject: FCC ISSUED CALL SIGN UPDATE
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB012
ARLB012 FCC call sign update

ZCZC AG76
QST de W1AW
ARRL Bulletin 12 ARLB012
>From ARRL Headquarters
Newington CT January 24, 1994
To all radio amateurs

SB QST ARL ARLB012
ARLB012 FCC call sign update

FCC ISSUED CALL SIGN UPDATE

The following is a list of the FCC's most recently issued call signs as of January 1.

| District | Group A Extra | Group B Advanced | Group C Tech/Gen | Group D Novice |
|----------|------------------|---------------------|---------------------|-------------------|
| 0 | AA0PX | KG0XT | N0ZVT | KB0NLT |
| 1 | AA1IF | KD1TF | N1RBP | KB1BEY |
| 2 | AA2QX | KF2TH | N2XPB | KB2QVK |
| 3 | AA3GT | KE3LP | N3RFS | KB3BAB |
| 4 | AD400 | KR4KT | ++ | KE4IUQ |
| 5 | AB5SB | KJ5UA | ++ | KC5EUX |
| 6 | AB6ZM | KN6XD | ++ | KE6EJD |

| | | | | |
|-------------|-------|-------|-------|--------|
| 7 | AB7AT | KI7UQ | ++ | KC7AEN |
| 8 | AA8NR | KG8GG | ++ | KB8RAN |
| 9 | AA9JX | KF9TH | N9VWX | KB9IWO |
| Hawaii | ++ | AH6NE | WH6QU | WH6CRB |
| Alaska | ++ | AL7PM | WL7PP | WL7CHL |
| Virgin Is. | WP2D | KP2CC | NP2GY | WP2AHU |
| Puerto Rico | ++ | KP4WC | ++ | WP4MMN |

++All call signs in this group have been issued in this area.

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Marc B. Grant 214-231-3998
 marchbg@netcom.com Amateur Radio N5MEI
 marchbg@esy.com Richardson, TX

Date: Wed, 26 Jan 1994 12:34:38 GMT

From: netcomsv!netcom.com!marchbg@decwrl.dec.com

Subject: JOINT RESOLUTION To recognize achievements of radio amateurs

To: info-hams@ucsd.edu

JOINT RESOLUTION S.J.Res. 90 & H.J.Res.199

To recognize achievements of radio amateurs, and to establish
 support for such amateurs as National Policy

WHEREAS, Congress has expressed its determination in section 1 of the
 Communications Act of 1934 [47 U.S.C. 151] to promote safety of life and
 property through the use of radio communication;

WHEREAS, Congress, in section 7 of the Communications Act [47 U.S.C. 157],
 has established a policy to encourage the provision of new technologies and
 services;

WHEREAS, Congress, in section 3 of the Communications Act of 1934, defined
 radio stations to include amateur stations operated by persons interested in
 radio technique without pecuniary interest;

WHEREAS, the Federal Communications Commission has created an effective
 regulatory framework through which the amateur radio service has been
 able to
 achieve the goals of the service;

WHEREAS, these regulations, set forth in part 97, of title 47 of the Code of
 Federal Regulations, clarify and extend the purposes of the amateur radio
 service as a --

(1) voluntary noncommercial communication service particularly with

respect to providing emergency communications;

(2) as a contributing service to the advancement of the telecommunications infrastructure;

(3) as a service which encourages improvement of an individual's technical and operating skills;

(4) as a service providing a national reservoir of trained operators, technicians and electronics experts; and

(5) as a service enhancing international good will;

WHEREAS, Congress finds that members of the amateur radio service community has

provided invaluable emergency communications services following such disasters

as Hurricanes Hugo, Andrew and Iniki, the Mt. St. Helens eruption, the Loma Prieta earthquake, tornadoes, floods, wild fires and industrial accidents in great number and variety across the Nation; and

WHEREAS, Congress finds that the amateur radio service has made a contribution

to our nation's communications by its crafting, in 1961, of the first earth satellite licensed by the Federal Communications Commission, by its proof-of-concept for search and rescue satellites, by its continued exploration of the

low earth orbit in particular pointing the way to commercial use thereof in the

1990s, by its pioneering of communications using reflections from meteor trails, a technique now used for certain government and commercial communications, and by its leading role in development of low-cost, practical data transmission by radio which increasingly is being put to extensive use in,

for instance, the land mobile service:

Now, therefore, be it

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. FINDINGS AND DECLARATIONS OF CONGRESS.

Congress finds and declares that --

(1) radio amateurs are hereby commended for their contributions to technical progress in electronics, and for their emergency radio communications in times of disaster;

(2) the Federal Communications Commission is urged to continue and enhance the development of the amateur radio service as a public benefit by adopting rules and regulations which encourage the use of new technologies within the amateur radio service; and

(3) reasonable accommodation should be made for the effective operation of amateur radio from residences, private vehicles and public areas, and that regulation at all levels of government facilitate and encourage amateur radio operation as a public benefit.

--

Marc B. Grant 214-231-3998
marcbg@netcom.com Amateur Radio N5MEI
marcbg@esy.com Richardson, TX

Date: Wed, 26 Jan 1994 18:23:54 GMT
From: hearst.acc.Virginia.EDU!murdoch!faraday.clas.Virginia.EDU!clh6w@uunet.uu.net
Subject: Power Line Interference
To: info-hams@ucsd.edu

In article <1994Jan25.140537.16951@ccd.harris.com>,
Doug Snowden <drs@ccd.harris.com> wrote:
>For the past 3 years I have been trying to track down some noise that appears
>to be coming from the power lines...
>
>resolution, but would like any input I can get before I do it. Please don't
>tell me to go beat on the pole!
>

Date: 29 Jan 94 06:12:40 GMT
From: news-mail-gateway@ucsd.edu
Subject: Question Regarding ITR
To: info-hams@ucsd.edu

Having heard from one of my friend about the ITR, Internet Talk Radio.
Wonder what they were? Can anyone give me a light on this?

+-----+-----+-----+-----+
| HS1ZEB | EMail:jade@nwg.nectec.or.th | > Jade V. Thaveekij < |
| N3JTV | u3611506@abac.au.ac.th| > CQ Magazine, Staff < |
+-----+-----+-----+-----+

Date: 29 Jan 1994 03:10:19 GMT
From: dog.ee.lbl.gov!agate!stoll@network.ucsd.edu
Subject: RAMSEY FX TRANSCEIVER
To: info-hams@ucsd.edu

Hi Gang,

When you hear me on 2 Meters, it's on a Ramsey FXT-146.
Assembled by yours truly. Works peachy.

Why? I love to learn about rf and electronics. Can't get enough of it. I want to smell the solder, touch the resistors, and bolt down the cabinet. And, oh, the feeling when you turn it on and it works... aaah.

OK, so maybe I've got lead poisoning, squinty eyes, and wrenched fingers. Still, I know where the rf is coming from, how the circuits work, and why that phase lock loop stays put. Hot ziggity!

I've met John Ramsey -- you might think he's in business to make money. I know better ... he's in it (like most hams) for the fun. At a hamfest, I saw his wife give a kit to a beaming 12 year old kid who asked if he was able to build it. At his outlet, I watched John gave a half dozen free LEDs to a guy, saying "Here, figure out something to use these for." This weekend, I'm building his traffic radar kit; he tells you how to solder two coffee cans together. "...If you don't clean the surface, the solder will just roll up into little balls and laugh at you...".

By Sunday, I'll be measuring the speed of cars zipping in front of my house. Sure, I could buy a radar set (though I don't know where), but thanks to Ramsey, I know how the doppler shift gets mixed down and sent into a frequency counter. Hell, I soldered that hot carrier diode.

Yes, if you want the highest performance, buy a Japanese transceiver. You can't go wrong there. And for a bargain, hunt down some used gear. No complaints from me

But to get a feel for the circuits -- for rf with love -- for happy electrons ... well, ask me what I'm using when you next hear me on the air.

73's
Cliff Stoll K7TA

Date: Fri, 28 Jan 94 11:34:10 -0800
From: netcomsv!netcomsv!lavc!steven.rosenberg@decwrl.dec.com
Subject: RAMSEY FX TRANSCEIVER

To: info-hams@ucsd.edu

myers@sunspot.West.Sun.COM (Dana Myers) writes:

>6. The Ramsey kits are not state of the art, high quality,
>or a fabulous bargain. They are adequate for the purpose intended:
>a kit for those that still believe that radio construction is a
>part of ham radio and that believe they may profit from the
>experience.

>

>Yeah, if people just built them for the experience, that would be
>one thing. But people get the impression they can put those radios
>on the air and use them like a normal radio, too.

Why does a kit over \$25 in price exist if it can't be properly and
legally used?

steven.rosenberg@support.com

KC6FYL

Date: Tue, 25 Jan 94 10:44:00 -0600

From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
cs.utexas.edu!swrinde!menudo.uh.edu!nuchat!cld9!mario.campos@network.ucsd.edu
Subject: SPLog - It Ain't Free!!

To: info-hams@ucsd.edu

To All Hams World-Wide,

I spotted a reference to a FREE logging program on a conference that I
monitor on USENET. I had the article published in our Club newsletter as well
as mailed to over 75 Hamclubs throughout Calif., Hawaii, the East Coast!

A friend of mine sent for this program. He received his program but it isn't
free. I find this sort of advertising to be deceptive and misleading. I find
that \$49.99 is not exactly free or did I miss something when I read the
following description to SPLog.

The following text was excerpted from the post on USENET and the docs that
came with SPLog!

* * * FREE LOGBOOK SOFTWARE * * *

mario.campos@nitelog.com (Mario Campos)
N6ALS@K6LY#NOCAL.CAL.USA.NA

Message written at 10:44am, on Tuesday, January 25, 1994.

* [R2.00o] * Usenet * Nitelog BBS * Monterey CA * 408-655-1096

Date: 29 Jan 94 02:06:35 GMT
From: news.cs.indiana.edu!noose.ecn.purdue.edu!en.ecn.purdue.edu!
n9ljx@rutgers.rutgers.edu
Subject: SuperMorse 4.xx
To: info-hams@ucsd.edu

In article <mosier.66.0@fagan.uncg.edu> mosier@fagan.uncg.edu (Stephen Mosier) writes:

>Will Turner said that wuarchive.wustl.edu has Supermorse 4.04 in /mirrors/
>msdos/hamradio. But the wuarchives were wiped out last week and that
>directory path no longer exists. Does anyone know of any other source for
>Supermorse 4.xx?

>

>steve

>mosier@fagan.uncg.edu

Try oak.oakland.edu:/pub/msdos/hamradio

BTW - what happened to wuarchive?

--sas

--

| | |
|-------------------------------|--------------------------------|
| Scott Stambaugh - N9LJX | internet: n9ljx@ecn.purdue.edu |
| Operations Supervisor, ADPC | phone: 317 494 7946 |
| Purdue University | |
| West Lafayette, IN 47907-1061 | |

Date: 27 Jan 1994 15:07:58 GMT
From: concert!ecsgate!bruce.uncg.edu!mosier.uncg.edu!mosier@decwrl.dec.com
Subject: SuperMorse 4.xx
To: info-hams@ucsd.edu

Will Turner said that wuarchive.wustl.edu has Supermorse 4.04 in /mirrors/msdos/hamradio. But the wuarchives were wiped out last week and that directory path no longer exists. Does anyone know of any other source for Supermorse 4.xx?

steve
mosier@fagan.uncg.edu

Date: 29 Jan 94 06:12:49 GMT
From: news-mail-gateway@ucsd.edu
Subject: Traffic to Vladivostok
To: info-hams@ucsd.edu

I'm re-posting this as it appears my first attempt did not make it.

I have a message from an exchange student who would like to get it sent on to his parents at the Far Eastern State Technical University or Far Eastern State Technological Institute in Vladivostok. Does anyone know either an E-mail or radio path to get me there (I don't know the current state of third party traffic into Russia, is it allowed?) Anyone who could help please reply by E-mail.

Thanks and 73

Wm. A. Kirsanoff Internet: WAKIRSAN@ananov.remnet.ab.com
Rockwell International Ham: KD6MCI
(714) 762-2872
Alternate Internet: william_a._kirsanoff@ccmail.anatcp.rockwell.com

Who are you? * I am number 2. * Who is number 1? * You are number 6.

End of Info-Hams Digest V94 #84

